



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6305G11051-3G
Job Sheet 188395



Part No: RBW6305G11051-3G

Job Qty: 12 pcs

Part Name: Pin, Main Gear Box Upper Fitting Installation



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/9/19

Job Tracking No:

Due Date: 3/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6305G11051-3G Rev. 2 IPP Rev. A 18.05.18 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Bandsaw - 1	6 pcs	3/8/19	3/8/19	0.00	0.30	Bandsaw - 1		
120	SL-154 - B4B	6 pcs	3/8/19	3/8/19	0.00	4.20	SL-154 - 1 - B4B		
130	QC 2	6 pcs	3/8/19	3/8/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		



Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL : 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S155919



Part: RBW6305G11051-3G

Job No: 188395

Serial No/Batch: S155919

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 02/22/19

140 QC 8	6 pcs	3/8/19	0.00 0.00	QC 2 - 8	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 38	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	Δ. 19-02-23
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
170 Outsource - 13 - Zinc Plating	6 pcs	3/8/19		GRO002-VC	10 C219-02-26
180 Packaging 2-1 - Receive - B4B	6 pcs 12 pcs	3/8/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	Ⓢ FEB 28 2019
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	

190 QC 6	6 pcs	3/8/19	0.00 0.00	QC 6 - 38	
				QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	DAS FEB 28 2019 68
				QC 6 - 61	9-89
200 Packaging 3-1 - Stock - B4B	6 pcs	3/8/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	DAS
				Packaging 3 - 7 - B4B	28
				Packaging 3 - 8 - B4B	9-89
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS
210 QC 21 - SA	6 pcs	3/8/19	0.00 0.00	QC 21 - SA - 21	21
				QC 21 - SA - 70	9-89 MAR 01 2019

Part Op 110 - Bandsaw1 (Bandsaw)
 Descriptions: 120 - SL-154 (MORI SL-154 LATHE) 1-Machine as per DWG. FC _____ FOLIO REV: _____ DWG REV: _____
 2-Debur
 130 - QC2 Machining-4 (QC2- Inspect parts off machine FAI/FAIB)
 140 - QC8 Machining-4 (QC8- Inspect parts - second check) Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG.
 170 - -Issue P/O to GROUPE ALTECH: P/O 042709 -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Material type; 1018 -Certificate of Conformity is required
 180 - Packaging2 (Receive & Inspect for Damage & Mat'l Certs)
 190 - QC6 (QC6- All purchased or subcontracted products)
 200 - Packaging3-1 (Identify as per dwg & Stock Location: _____)
 210 - QC21 (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M1018R0.313	1018-1025 Round Bar .313	1.6740 ft (.279 ea)	110-Bandsaw - 1	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Bandsaw - 1	M1018R0.313	2	31	0
Part Specifications				
Specifications could not be found.				

Plex 1/25/19 10:38 AM Dart.Hadley.Shannon



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RBW6305G11051-3G

Job Sheet 188395



Part No: RBW6305G11051-3G

Job Qty: 2 ea

Part Name: Pin, Main Gear Box Upper Fitting Installation



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/9/19

Job Tracking No:

Due Date: 3/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6305G11051-3G Rev. 2 IPP Rev. A 18.05.18 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea	3/8/19	3/8/19	0.00	0.00	Start Up Machining-3		
110	Bandsaw	2 pcs	3/8/19	3/8/19	0.00	0.10	Bandsaw1		
120	CNC Lathe	2 pcs	3/8/19	3/8/19	0.00	1.40	SL-154		
130	QC	2 pcs	3/8/19	3/8/19	0.00	0.00	QC2 Machining-4		
140	QC	2 pcs	3/8/19	3/8/19	0.00	0.00	QC8 Machining-4		
170	Outsource	2 pcs	3/8/19	3/8/19			GRO002-VC	10	
180	Packaging	2 pcs	3/8/19	3/8/19	0.00	0.00	Packaging2		
190	QC	2 pcs	3/8/19	3/8/19	0.00	0.00	QC6		
200	Packaging	2 pcs	3/8/19	3/8/19	0.00	0.00	Packaging3-1		
210	QC21-SA	2 Ea	3/8/19	3/8/19	0.00	0.00	QC21		

Part Op 120 - 1-Machine as per DWG. FC _____ FOLIO REV: _____ DWG REV: _____ 2-Debur
Descriptions: 140 - Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG.
170 - Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Material type; 1018 -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M1018R0.313	1018-1025 Round Bar .313	.5580 ft (.279 ea)	90-Start up Operation	Sold 2 ea

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M1018R0.313	1	31	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

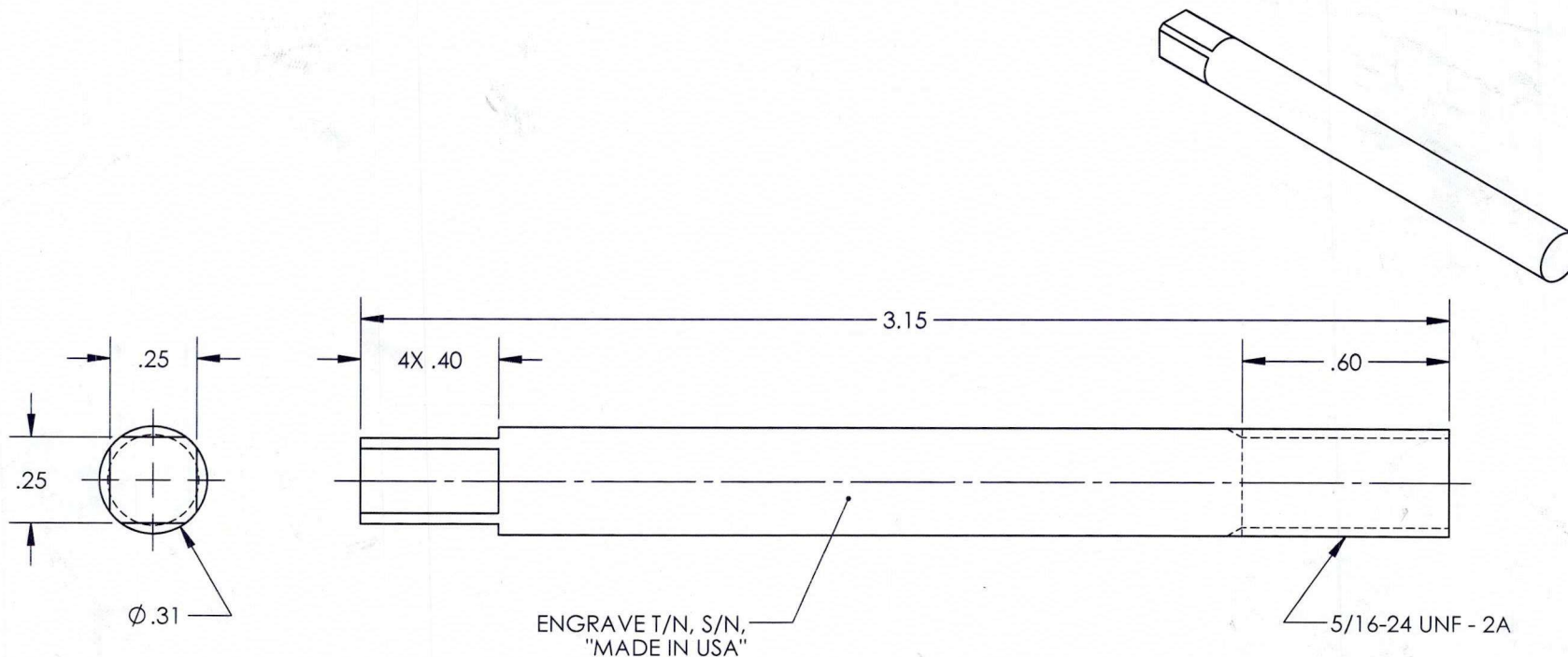
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER :									

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	4/2/2015	DPD	JAG
2	16-0261	UPDATED TO NEW STANDARDS. CH'D MATERIAL WAS 1018/1020 IS 1018/1020 CR; CH'D DIM WAS 5/16-24 IS 5/16-24 - 2A; CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE; CH'D SPEC WAS QQ-P-416F, TYPE II, CLASS II IS ASTM B633 TYPE I SC2.	12/5/2016	SM	JAG



SHOP COPY
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 188395 MLC
1901-09

- NOTES:
1. REF. AGUSTA T/N: 3G6305G11051.
2. PART OF KIT: RBW6305G02831-3G.

DART AEROSPACE	
TITLE PIN, MGB UPPER FITTING INSTALLATION	
DWG NO. RBW6305G11051-3G	REV 2
MAT'L 1018/1020 CR HEAT TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2 DRAWN BY: DUERFELDT CHECKED: CLOUGH OPSS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL AW139	
SCALE 2:1	DATE 3/10/2015
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
				1	PIN	1018/1020 CR	



Dart Aerospace Ltd.
1270 Aberdeen St
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Tel (613) 632-5200

PURCHASE ORDER

PO042709



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO042709
PO Date: 2/26/19
Due Date: 3/5/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	188395	RBW6305G11051-3G	Pin, Main Gear Box Upper Fitting Installation -Issue P/O to GROUPE ALTECH: P/O -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Material type; 1018 -Certificate of Conformity is required	Firmed	-	3/5/19	12 pcs	0 pcs	12 pcs	\$4.50/pcs	\$54.00
2	188816	RBW109-3130-82-105-9	Adapter -Issue P/O; -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required	Firmed	-	3/3/19	8 pcs	0 pcs	8 pcs	\$4.50/pcs	\$36.00

Line Item Note asap - need March 3

Grand Total: \$90.00

Plex 2/27/19 10:02 AM dart.tsimiklis.chrisoula



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PURCHASE ORDER

PO042709



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

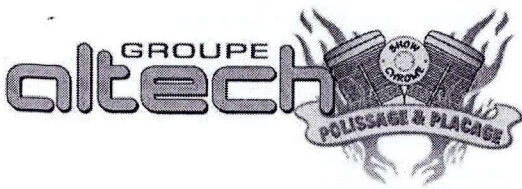
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/27/19 10:02 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(017198-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

017198 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
27-Feb-2019		SPARTAKOS BOUNTOURIS		PO042709				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBW6305G11051-3G Rev.	RBW6305G11051-3G 01 -ZINC-YELLOW [ZINC YELLOW] OLD YELLOW CHROMATE, 96 hours ASTM B633 TYPE 2 SC2	ZINC CH	12	12	0	0	0
2	RBW109-3130-82-105-9 Rev.	RBW109-3130-82-105-9 01 -ZINC-YELLOW [ZINC YELLOW] OLD YELLOW CHROMATE, 96 hours ASTM B633 TYPE 2 SC2	ZINC CH	8	8	0	0	0

Notes Additionnelles / Additional Notes

2 small boxes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.